

Abstract of the Disclosure

A styrenic thermoplastic resin composite is disclosed which contains (A) about 50 to 95 parts by weight of a styrene-containing copolymer produced by polymerization of (a1) about 50 to 95 % by weight of styrene, α -methylstyrene, halogen- or alkyl-substituted styrene, or a mixture thereof and (a2) about 5 to 50 % by weight of acrylonitrile, methacrylonitrile, C₁₋₈ methacrylic acid alkyl ester, C₁₋₈ acrylic acid alkyl ester, maleic acid anhydride, C₁₋₄ alkyl or phenyl N-substituted maleimide or a mixture thereof and (B) about 5 to 50 parts by weight of glass fibers and (C) about 0.01 to 5.0 parts by weight of an aminosilane coupling agent. A new method of preparing the styrenic thermoplastic composite is also disclosed, the method comprising admixing a styrene-containing copolymer as a matrix resin with an aminosilane coupling agent in a mixer, extruding the admixture of the styrene-containing copolymer and the aminosilane coupling agent in an extruder, and feeding glass fibers to the melt of the admixture in the middle of the extruder.